

INTERNATIONAL SEARCH REPORT

Internal Application No
PCT/GB 03/04131A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F17/60

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 178 421 A (HITACHI MAXELL) 6 February 2002 (2002-02-06) abstract; figures 1,7,8 paragraphs '0041!, '0047!, '0071!, '0082! ---	1-37
X	WO 01 95267 A (NOKIA MOBILE PHONES LTD ;HENDRA KENDRO (ID)) 13 December 2001 (2001-12-13) page 1, line 24 -page 3, line 14 page 10, line 21 - line 30 figures 1,3,6 page 6, line 18 - line 25 ---	1-37
A	EP 0 713 198 A (HITACHI LTD) 22 May 1996 (1996-05-22) abstract; claim 5; figure 1 ---	1-37

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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Date of the actual completion of the international search

Date of mailing of the International search report

10 February 2004

18/02/2004

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INTERNATIONAL SEARCH REPORTIntern Application No
PCT/GB 03/04131**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/091571 A1 (THOMAS NICHOLAS A ET AL) 11 July 2002 (2002-07-11) abstract; figure 4 _____	1-37

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Information on patent family members

Internal	Application No
PCT/GB 03/04131	

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
EP 1178421	A 06-02-2002	JP	2002117313 A		19-04-2002
		CA	2354230 A1		01-02-2002
		EP	1178421 A2		06-02-2002
		JP	2002189963 A		05-07-2002
		US	2002091569 A1		11-07-2002
WO 0195267	A 13-12-2001	GB	2362979 A		05-12-2001
		AU	7401301 A		17-12-2001
		WO	0195267 A1		13-12-2001
		EP	1287499 A1		05-03-2003
		JP	2002049878 A		15-02-2002
		US	2003163384 A1		28-08-2003
EP 0713198	A 22-05-1996	JP	8147500 A		07-06-1996
		EP	0713198 A2		22-05-1996
		US	5754654 A		19-05-1998
US 2002091571	A1 11-07-2002	CA	2428518 A1		19-12-2002
		WO	02101485 A2		19-12-2002
		EP	1354256 A2		22-10-2003